

Dead Load Thickness Gages 57B



XLI-57B-15

Features

- Solid casting with ribbed frame provides strength and rigidity for accurate measurements.
- 0.003 mm / .0001" parallelism with tables up to 19 mm / .75" diameter.
- 283 g / 10 oz. dead load weight for constant gaging pressure.
- 10 mm / .407" diameter flat upper 54.0 mm/ 2.125" lower contacts.
- Indicator mounts with adjustable back for quick positioning for each gaging requirement.
- Available with Dial Indicator or Digital Electronic Indicator.
- Gage is supplied with a lift lever so work can be easily placed between the table and contact.
- Four-inch throat depth for part clearance.

Technical Data

Metric	Order no.	Inch	Capacity mm / <i>inch</i>	Description
57B-14M	57B-14		0-2.5 / 0-.10"	Dial Indicator readout with 2.5mm / .10" sensitive range and .002 mm / .0001" grads.
57B-15M	57B-15		0-25 / 0-1"	Dial Indicator readout with 25mm / 1" sensitive range and .01 mm / .001" grads.
	XLI-57B-15			μMaxμm®// XL Digital Indicator with 25mm / 1" range and .001 mm / .00005" resolution.

*Alternate Indicators and contact points available upon request.
Contact Mahr Federal.*

Wire Insulation Thickness Gages 57B

For checking wall thickness of wire insulation and other small-diameter tubular parts



57B-13

Features

- Using the basic design of the Model 57B-13 (Model 57B-13M — Metric) Gage, the lower contact is PT-103, 1.10 mm / .043" diameter rod, mounted horizontally. The upper contact is a flat chisel contact, in line with the rod. By slipping tubular parts onto the lower contact, the gage can measure the thickness of the wall of the tube. An auxiliary weight on the Indicator provides a total dead-load weight of 25 grams. (Replacement lower rod: PS-43)

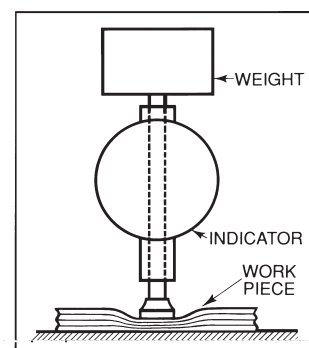
Technical Data

Metric	Order no.	Inch	Capacity mm / <i>inch</i>	Description
57B-13M	57B-13		7.62 / 0-.30"	Dial Indicator readout with 7.6 mm / .30" sensitive range and 0.01 mm / .0005" grads.
	XLI-57B-13			μMaxμm®// XL Digital Indicator with 25 mm / 1" range and 0.001 mm / .00005" resolution.
Options				
	PT-2245			0.050 mm / .02" diameter Pin, Lower Contact Assembly

Measuring Compressible Materials

Compressible materials such as paper, plastics, rubber or fabrics must be measured under controlled conditions. Many materials have measurement standards specified by A.S.T.M., U.L., or other industry standards organizations. Measurement standards specify dead load weight, upper and lower contact configurations, and Indicator resolution.

Series 57B Gages are easily modified to meet most of these industry standards. Mahr Federal has on file designs for the measurement of paper, latex foam rubber, sponge rubber, vulcanized rubber, asbestos tape and cloth, sheet and roll felt, and many other materials. When inquiring, specify A.S.T.M. Specification Number, if possible.



Thickness Gages 57B Bench Style



57B-12

Features

- Solid casting with ribbed frame provides strength and rigidity for accurate measurements.
- Gage is furnished with a lift lever so work can be easily placed between the contacts.
- Large 54 mm/ 2.125" diameter lower anvil provides convenient stage for small parts or flat materials.
- 4.75 mm/ .187" diameter radiused upper contact normally provided.
- 102 mm/ 4" throat depth for part clearance.
- Indicator mounts with adjustable back for quick positioning for each gaging requirement.
- Available with Dial Indicator or Digital Electronic Indicator.

Technical Data

Metric	Order no.	Inch	Capacity mm / <i>inch</i>	Description
57B-11M	57B-11		0-25 / 0-1"	Dial Indicator readout with 25 mm / 1" sensitive range and .01 mm / .001" grads.
	XLI-57B-11			μMaxμm®// XL Digital Indicator with 25 mm/ 1" range and .001 mm / .00005" resolution.
	EMD-57B-11		0-21.5 / 0-.85"	Maxμm/// Digital Indicator with selectable range and resolution, 2033101.
	EDI-57B-11			μMaxμm®// Digital Indicator with 2 mm / .08" sensitive range, .0005 mm / .00002" resolution.
57B-12M	57B-12		0-12.5 / 0-.5"	Dial Indicator readout with 12.50 mm/ .50" sensitive range and .01 mm / .0005" grads.
	XLI-57B-12			μMaxμm®// XL Digital Indicator with 12.50 mm / .50" range and .001 mm / .00005" resolution.

*Alternate Indicators and contact points available upon request.
Contact Mahr Federal.*